

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2005/000323

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B60R 19/00, E01F 15/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B60R, E01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0586071 A1 (ENERGY ABSORPTION SYSTEMS, INC), 9 March 1994 (09.03.1994), figures 1-3, abstract --	1-15
A	US 5403113 A (GERTZ ET AL), 4 April 1995 (04.04.1995), figures 6,7, abstract --	1-15
A	WO 0187671 A1 (VÄGVERKET), 22 November 2001 (22.11.2001), figures 1-25, abstract -- -----	1-15

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
25 May 2005

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26-05-2005

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INTERNATIONAL SEARCH REPORT
Information on patent family members

30/04/2005

International application No.

PCT/SE 2005/000323

EP	0586071	A1	09/03/1994	SE	0586071 T3	
				AT	140050 T	15/07/1996
				AU	659387 B	11/05/1995
				AU	4211093 A	17/02/1994
				CA	2101619 A,C	13/02/1994
				DE	69303440 D,T	07/11/1996
				ES	2089729 T	01/10/1996
				JP	3391853 B	31/03/2003
				JP	6156166 A	03/06/1994
				US	5248129 A	28/09/1993
				US	5403113 A	04/04/1995
<hr/>						
US	5403113	A	04/04/1995	AT	145689 T	15/12/1996
				AU	667265 B	14/03/1996
				AU	5934094 A	20/10/1994
				CA	2120780 A,C	16/10/1994
				DE	69400974 D,T	12/06/1997
				EP	0621375 A,B	26/10/1994
				SE	0621375 T3	
				ES	2095131 T	01/02/1997
				JP	3495411 B	09/02/2004
				JP	6307480 A	01/11/1994
				AT	140050 T	15/07/1996
				AU	659387 B	11/05/1995
				AU	4211093 A	17/02/1994
				CA	2101619 A,C	13/02/1994
				DE	69303440 D,T	07/11/1996
				EP	0586071 A,B	09/03/1994
				SE	0586071 T3	
				ES	2089729 T	01/10/1996
				JP	3391853 B	31/03/2003
				JP	6156166 A	03/06/1994
				US	5248129 A	28/09/1993
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WO	0187671	A1	22/11/2001	AU	5899901 A	26/11/2001
				CA	2409099 A	22/11/2001
				DE	60016452 D	00/00/0000
				EP	1235616 A,B	04/09/2002
				EP	1282540 A	12/02/2003
				NO	20025501 A	16/01/2003
				SE	522192 C	20/01/2004
				SE	0001817 D	00/00/0000
				SE	0003851 D	00/00/0000
				US	6866284 B	15/03/2005
				US	20040021294 A	05/02/2004